

Comparisons of Job Characteristics

Focus Occupation: [Veterinary Assistants and Laboratory Animal Caretakers \(31-9096\)](#)

Associated Occupation: [Veterinary Technologists and Technicians \(29-2056\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: [Veterinary Assistants and Laboratory Animal Caretakers \(31-9096\)](#)

Associated Occupation: [Veterinary Technologists and Technicians \(29-2056\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Biology	3.7	16.8	9.8	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	16.1	14.1	<	Expanded education and/or training may be required
Medicine and Dentistry	3.7	12.5	9.1	<<	Extensive education and/or training may be required
Mathematics	9.2	10.7	7.1	<<	Extensive education and/or training may be required
Chemistry	4.8	10.4	8.6	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: [Veterinary Assistants and Laboratory Animal Caretakers \(31-9096\)](#)

Associated Occupation: [Veterinary Technologists and Technicians \(29-2056\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Critical Thinking	10.8	13.0	8.4	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	10.5	8.4	<	A higher skill level may be required
Science	4.5	9.2	7.4	<	A higher skill level may be required
Management of Material Resources	3.7	5.8	3.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Veterinary Assistants and Laboratory Animal Caretakers (31-9096) Associated Occupation: Veterinary Technologists and Technicians (29-2056)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.5	10.3	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	11.4	8.3	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	11.0	8.6	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.7	7.1	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	9.6	9.0	0	Current ability level may be sufficient
Extent Flexibility	4.8	9.3	8.4	<	Some improvement in abilities may be required
Auditory Attention	5.9	8.4	6.1	<<	Extensive improvement in abilities may be required
Memorization	5.6	7.5	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 90
Focus Occupation: Veterinary Assistants and Laboratory Animal Caretakers (31-9096) Associated Occupation: Veterinary Technologists and Technicians (29-2056)		
Work Activities	Exclusivity of Activity	
Administer injections	60	
Administer medications or treatments	46	
Apply appropriate physical restraint	71	
Collect specimens from patients	82	
Draw blood	74	
Observe patient condition	48	
Position patient for therapy	70	
Prepare medical treatment room	82	
Prepare patients for tests, therapy, or treatments	70	
Set up patient care equipment	75	
Take vital signs	56	
Use clinical sterilizing technique	71	

Use knowledge of medical terminology	40
Weigh patients	75

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 93

Focus Occupation: Veterinary Assistants and Laboratory Animal Caretakers (31-9096)

Associated Occupation: Veterinary Technologists and Technicians (29-2056)

Tools and Technologies	Exclusivity
Anesthesia apparatus and accessories and supplies	47
Animal laboratory equipment and accessories	80
Autoclave and sterilizer equipment and accessories	12
Business function specific software	1
Cameras	2
Clinical and diagnostic analyzers and accessories and supplies	18
Computers	1
Content authoring and editing software	1
Data management and query software	1
Harness goods	47
Hydrotherapy products	33
Industry specific software	1
Intravenous and arterial tubing and administration sets and related products	22
Laboratory centrifuges and accessories	13
Laboratory microscope slides and supplies	20
Light and wave generating and measuring equipment	4
Medical diagnostic x ray products	26
Medical imaging processing equipment and supplies	33
Medical radiological shielding and protection products	31
Poultry and livestock equipment	33
Safety apparel	4
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Suture and related products	23
Syringes and accessories	14
Veterinary equipment	40
Viewing and observing instruments and accessories	4
Weight measuring instruments	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.